

## UTILITIES DIVISION[199]

## Adopted and Filed

Pursuant to Iowa Code section 17A.4 and chapters 476, 478, and 479, the Utilities Board (Board) gives notice that on June 23, 2009, the Board issued an order in Docket No. RMU-2009-0003, In re: Updates and Corrections to Natural Gas and Electric Technical Standards [199 IAC Chapters 10, 19, 20, and 25], “Order Adopting Amendments.” The Board is adopting amendments to 199 IAC 10.12, 10.17, 19.2(5)“g,” 19.5(2), 19.6(3)“d,” 19.8(3), 20.5(2), 20.6(3)“a” and 25.2(5)“a” to update the technical standards and make certain corrections to the safety rules applicable to natural gas and electric service. This proceeding was initiated by order issued April 15, 2009. Notice of Intended Action for the proposed amendments was published in IAB Vol. XXXI, No. 23 (5/6/09), p. 2436, as **ARC 7749B**.

Comments were filed by the Consumer Advocate Division of the Department of Justice (Consumer Advocate) and Interstate Power and Light Company (IPL). Consumer Advocate stated that it had no comments or objections to the proposed amendments.

IPL supported incorporation of updated technical standards in the Board’s rules. IPL suggested that the reference to Section 4.2 in ANSI Z223.1/NPFA 54-2009 in 199 IAC 19.8(3) may be incorrect. IPL stated that the requirement to take the necessary steps to ensure that there is no flow of gas through the meter, which is a warning that the customer’s piping or appliances are not safe for gas turn on, is in Section 8.2.2 and not Section 4.2 of ANSI Z223.1/NPFA 54-2009. IPL proposed the change be made in the adopted amendments.

The Board has considered the change proposed by IPL and will remove the reference to Section 4.2 in ANSI Z223.1/NPFA 54-2009. However, the Board considers Section 8.2.3 to be a better link than Section 8.2.2 to the no-flow test methodology which is referenced in this rule. The Board has amended the standard to reference Section 8.2.3 as the appropriate reference since it references Annex D (formerly Appendix D). The Board has also adopted the change from “Appendix D” to “Annex D” and certain other changes to titles and references that reflect changes made by the publishers of the standards.

Finally, the Board in reviewing the updates for the safety standards for electric metering and meter testing has found that there is a 2008 update to the standard in 199 IAC 20.6(3) that was not included in the Notice of Intended Action published on May 6, 2009. The Board has included the update in the amendments adopted in this rule making to bring this standard up to date. The order adopting the amendments can be found on the Board’s Web site at <http://www.state.ia.us/iub>.

These amendments are intended to implement Iowa Code section 17A.4 and chapters 476, 478, and 479.

These amendments will become effective on August 19, 2009.

The following amendments are adopted.

ITEM 1. Amend subrule 10.12(1) as follows:

**10.12(1)** All pipelines, underground storage facilities, and equipment used in connection therewith shall be designed, constructed, operated, and maintained in accordance with the following standards:

*a.* 49 CFR Part 191, “Transportation of Natural and Other Gas by Pipeline; Annual Reports, Incident Reports, and Safety-Related Condition Reports,” as amended through June 27, 2007 August 19, 2009.

*b.* 49 CFR Part 192, “Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards,” as amended through June 27, 2007 August 19, 2009.

*c.* 49 CFR Part 199, “Drug and Alcohol Testing,” as amended through June 27, 2007 August 19, 2009.

*d.* ASME B31.8 - ~~2003~~ 2007, “Gas Transmission and Distribution Piping Systems.”

*e.* and *f.* No change.

Conflicts between the standards established in paragraphs 10.12(1)“a” through “f” or between the requirements of rule 199—10.12(479) and other requirements which are shown to exist by appropriate written documentation filed with the board shall be resolved by the board.

ITEM 2. Amend rule 199—10.17(479) as follows:

**199—10.17(479) Accidents and incidents.** Any pipeline incident or accident which is reportable to the U.S. Department of Transportation under 49 CFR Part 191 as amended through ~~June 27, 2007~~ August 19, 2009, shall also be reported to the board, except that the minimum economic threshold of damage required for reporting to the board is \$15,000. Duplicate copies of any written accident reports and safety-related condition reports submitted to the U.S. Department of Transportation shall be provided to the board.

ITEM 3. Amend paragraph **19.2(5)“g”** as follows:

*g. Reports to federal agencies.* Copies of reports submitted pursuant to 49 CFR Part 191 as amended through ~~June 27, 2007~~ August 19, 2009, “Transportation of Natural and Other Gas by Pipeline; Annual Reports, Incident Reports, and Safety-Related Condition Reports,” shall be filed with the board. Utilities operating in other states shall provide to the board data for Iowa only.

ITEM 4. Amend subrule 19.5(2) as follows:

**19.5(2) Standards incorporated by reference.**

*a.* The design, construction, operation, and maintenance of gas systems and liquefied natural gas facilities shall be in accordance with the following standards where applicable:

(1) 49 CFR Part 191, “Transportation of Natural and Other Gas by Pipeline; Annual Reports, Incident Reports, and Safety-Related Condition Reports,” as amended through ~~June 27, 2007~~ August 19, 2009.

(2) 49 CFR Part 192, “Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards,” as amended through ~~June 27, 2007~~ August 19, 2009.

(3) 49 CFR Part 193, “Liquefied Natural Gas Facilities: Federal Safety Standards,” as amended through ~~June 27, 2007~~ August 19, 2009.

(4) 49 CFR Part 199, “Drug and Alcohol Testing,” as amended through ~~June 27, 2007~~ August 19, 2009.

(5) ASME B31.8 - ~~2003~~ 2007, “Gas Transmission and Distribution Piping Systems.”

(6) NFPA No. 59-~~2004~~ 2008, “~~Standard for the Storage and Handling of Liquefied Petroleum Gases at Utility Gas Plants.~~” “Utility LP-Gas Plant Code.”

(7) No change.

*b.* The following publications are adopted as standards of accepted good practice for gas utilities:

(1) ANSI Z223.1/NFPA 54-~~2006~~ 2009, “National Fuel Gas Code.”

(2) NFPA 501A-~~2005~~ 2009, “Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities.”

ITEM 5. Amend paragraph **19.6(3)“d”** as follows:

*d.* Measurement of Gas Flow by Turbine Meters, ANSI/ASME MFC-4M-1986 (~~R1997~~) (Reaffirmed 2008).

ITEM 6. Amend subrule 19.8(3) as follows:

**19.8(3) Turning on gas.** Each utility upon the installation of a meter and turning on gas or the act of turning on gas alone shall take the necessary steps to assure itself that there exists no flow of gas through the meter which is a warning that the customer’s piping or appliances are not safe for gas turn on (Ref: Sec. 4-2 8.2.3 and ~~Appendix~~ Annex D, ANSI Z223.1/NFPA 54-~~2006~~ 2009).

ITEM 7. Amend subrule 20.5(2) as follows:

**20.5(2) Standards incorporated by reference.** The utility shall use the applicable provisions in the publications listed below as standards of accepted good practice unless otherwise ordered by the board.

*a.* Iowa Electrical Safety Code, as defined in 199 IAC [~~199~~], Chapter 25.

*b.* National Electrical Code, ANSI/NFPA 70-~~2005~~ 2008.

*c.* American National Standard Requirements for Instrument Transformers, ANSI/IEEE C57.13.1-~~1981 (R1999)~~ 2006; and C57.13.3-~~1983 (R1991)~~ 2006.

*d.* American National Standard for Electric Power Systems and Equipment Voltage Ratings (60 Hertz), ANSI C84.1-2006.

*e.* Grounding of Industrial and Commercial Power Systems, IEEE 142-~~1991~~ 2007.

*f.* to *h.* No change.

ITEM 8. Amend paragraph **20.6(3)“a”** as follows:

*a.* American National Standard Code for Electricity Metering, ANSI C12.1-~~2001~~ 2008.

ITEM 9. Amend paragraph **25.2(5)“a”** as follows:

*a.* The “National Electrical Code,” ANSI/NFPA 70-~~2005~~ 2008, is adopted as a standard of accepted good practice for customer-owned electrical facilities beyond the utility point of delivery, except for installations subject to the provisions of the state fire marshal standards in 661 IAC 504.1(103).

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EDITOR’S NOTE: For replacement pages for IAC, see IAC Supplement 7/15/09.